



Welcome
United States Patent and Trademark Office



[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)

Quick Links

Welcome to IEEE Xplore[®]

- Home
- What Can I Access?
- Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
☐ Basic
☐ Advanced

Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

IEEE Enterprise

- Access the
IEEE Enterprise
File Cabinet**

 **Print Format**

Your search matched **123** of **1047691** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or enter a new one in the text box.

interpolat* <paragraph> kernel*

Search

☐ Check to search within this result set

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

1 Characterization of B-spline digital filters

Samadi, S.; Ahmad, M.O.; Swamy, M.N.S.;

Circuits and Systems I: Regular Papers, IEEE Transactions on [see also Circuits and Systems I: Fundamental Theory and Applications, IEEE Transactions on] , Vol. 51 , Issue: 4 , April 2004
Pages:808 - 816

[\[Abstract\]](#) [\[PDF Full-Text \(240 KB\)\]](#) **IEEE JNL**

2 Cubic convolution interpolation for digital image processing

Keys, R.;

Acoustics, Speech, and Signal Processing [see also IEEE Transactions on Sign
Processing], IEEE Transactions on , Volume: 29 , Issue: 6 , Dec 1981
Pages:1153 - 1160

[\[Abstract\]](#) [\[PDF Full-Text \(1368 KB\)\]](#) **IEEE JNL**

3 A stochastic framework for recursive computation of spline function

Part I: Interpolating splines

Weinert, H.; Sidhu, G.;

Information Theory, IEEE Transactions on , Volume: 24 , Issue: 1 , Jan 1978
Pages:45 - 50

[\[Abstract\]](#) [\[PDF Full-Text \(832 KB\)\]](#) **IEEE JNL**

4 Construction of error correcting codes by interpolation

Mandelbaum, D.;

Information Theory, IEEE Transactions on , Volume: 25 , Issue: 1 , Jan 1979
Pages:27 - 35

[\[Abstract\]](#) [\[PDF Full-Text \(1280 KB\)\]](#) IEEE JNL

5 Complete parameterization of piecewise-polynomial interpolation kernels

Blu, T.; Thevenaz, P.; Unser, M.;

Image Processing, IEEE Transactions on , Volume: 12 , Issue: 11 , Nov. 2003

Pages:1297 - 1309

[\[Abstract\]](#) [\[PDF Full-Text \(954 KB\)\]](#) IEEE JNL

6 Mutual information-based CT-MR brain image registration using generalized partial volume joint histogram estimation

Hua-mei Chen; Varshney, P.K.;

Medical Imaging, IEEE Transactions on , Volume: 22 , Issue: 9 , Sept. 2003

Pages:1111 - 1119

[\[Abstract\]](#) [\[PDF Full-Text \(511 KB\)\]](#) IEEE JNL

7 Two-dimensional cubic convolution

Reichenbach, S.E.; Geng, F.;

Image Processing, IEEE Transactions on , Volume: 12 , Issue: 8 , Aug. 2003

Pages:857 - 865

[\[Abstract\]](#) [\[PDF Full-Text \(688 KB\)\]](#) IEEE JNL

8 A new interpolation kernel for SAR interferometric registration

Migliaccio, M.; Bruno, F.;

Geoscience and Remote Sensing, IEEE Transactions on , Volume: 41 , Issue: 5 , May 2003

Pages:1105 - 1110

[\[Abstract\]](#) [\[PDF Full-Text \(373 KB\)\]](#) IEEE JNL

9 Mapping and pseudoinverse algorithms for ocean data assimilation

Fieguth, P.W.; Menemenlis, D.; Fukumori, I.;

Geoscience and Remote Sensing, IEEE Transactions on , Volume: 41 , Issue: 1 , Jan. 2003

Pages:43 - 51

[\[Abstract\]](#) [\[PDF Full-Text \(731 KB\)\]](#) IEEE JNL

10 Nonuniform fast Fourier transforms using min-max interpolation

Fessler, J.A.; Sutton, B.P.;

Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Signal Processing, IEEE Transactions on] , Volume: 51 , Issue: 2 , Feb. 2003

Pages:560 - 574

[\[Abstract\]](#) [\[PDF Full-Text \(879 KB\)\]](#) IEEE JNL

11 Identification of Volterra kernels using interpolation

Nemeth, J.G.; Koller, I.; Schoukens, J.;

Instrumentation and Measurement, IEEE Transactions on , Volume: 51 , Issue: 4 , Aug. 2002

Pages:770 - 775

[\[Abstract\]](#) [\[PDF Full-Text \(453 KB\)\]](#) IEEE JNL

12 Optimization of derivative kernels for exact cone-beam ROI reconstruction in spiral computed tomography

Lauritsch, G.; Sourbelle, K.; Tam, K.C.;

Nuclear Science, IEEE Transactions on , Volume: 49 , Issue: 3 , June 2002

Pages:728 - 732

[\[Abstract\]](#) [\[PDF Full-Text \(241 KB\)\]](#) IEEE JNL

13 Identification of Wiener-Hammerstein models using linear interpolation in the frequency domain (LIFRED)

Ai Hui Tan; Godfrey, K.;

Instrumentation and Measurement, IEEE Transactions on , Volume: 51 , Issue: 3 , June 2002

Pages:509 - 521

[\[Abstract\]](#) [\[PDF Full-Text \(374 KB\)\]](#) IEEE JNL

14 A RKHS interpolator-based graph matching algorithm

van Wyk, M.A.; Durrani, T.S.; van Wyk, B.J.;

Pattern Analysis and Machine Intelligence, IEEE Transactions on , Volume: 24 , Issue: 7 , July 2002

Pages:988 - 995

[\[Abstract\]](#) [\[PDF Full-Text \(696 KB\)\]](#) IEEE JNL

15 Sampling of periodic signals: a quantitative error analysis

Jacob, M.; Blu, T.; Unser, M.;

Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Signal Processing, IEEE Transactions on] , Volume: 50 , Issue: 5 , May 2002

Pages:1153 - 1159

[\[Abstract\]](#) [\[PDF Full-Text \(380 KB\)\]](#) IEEE JNL

[1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [Next](#)

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved